

AMENDMENTS TO THE CLAIMS

1-11 (Cancelled).

12. (Original) A process of manufacturing a stator of an electrical rotating machine having a laminated magnetic circuit supporting windings, comprising the following steps:

- cutting to star-shape metal sheets having a circular base and radial teeth protruding towards the outside and forming a single piece with the base,
- stacking these metal sheets onto a sleeve such that the teeth are superposed and a core is obtained which has, between the teeth, slots open towards the outside ,
- winding the conductive wires in the slots, and moreover
- cutting to annular shape metal sheets for the yokes, the dimensions of the yoke metal sheets and the star-shaped metal sheets being adapted to one another for stacking.
- stacking the yokes such that an external covering is obtained, and then
- assembling the core supporting the windings and the external covering and binding them,
- removing the sleeve, and
- machining the bases in order to adjust the internal diameter of the stator.

13. (Original) A process according to Claim 12, in which the machining step allows a partition entirely closing off the slots.

14. (Original) A process according to Claim 14, having a stage of impregnating the conductive wires with a resin after they have been arranged in their final relative positions, in which the said resin binds the core and the covering.

15. (Original) A process according to Claim 14, including mounting the covering in an external sheath, in which the said resin binds the sheath and the covering.

16. (Original) A process according to Claim 12, including, before winding the conductive wires in the slots, a stage of inserting an insulating foil in each slot, the edges of each insulating foil projecting radially upwards from the teeth, the edges being turned back onto the winding after the latter has been formed

and before assembly to the covering, the said edges partly overlapping one another.

17-27. (Cancelled)